Internal Options:

Memory kits
3X-MS315-EA — 512MB
3X-MS315-FA — 1GB
3X-MS315-GA — 2GB

3X-BA15A-AA Standard Cage

RZ3FD 36GB 3.5" DS-RZ3FD-WA 36G 10k U320
RZ3GA 72GB 3.5" DS-RZ3GA-WA 36G 10k U320
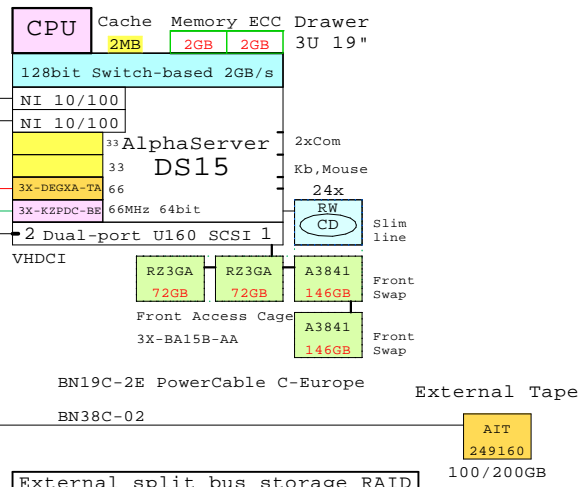A3623 AIT200G 3R-A3623-AA AIT 100/200GB 5.25"

3X-BA15B-AA Front Acces Cage

A3849 36GB 1.0" 3R-A3849-AA 36G 15k U320
A3851 72GB 1.0" 3R-A3851-AA 72G 15k U320
A3841 146GB 1.0" 3R-A3841-AA 146G 10k U320
A3621 AIT200G 3R-A3621-AA AIT 100/200GB Eats two slots

3X-PBXGG-AA ATI RADEON 7500
3X-DE602-BB 2x Ethernet
3X-DEGXA-TA UTP/RJ45 GigabitE.
3X-KZPCA-AA 1-port Ultra2 SCSI LVD
3X-KZPEA-DB 2-port Ultra3 SCSI LVD2
3X-KZPDC-BE RAID 2-ch U160 66MHz
DS-KGPSA-EA Fibre Ch 2Gbit/s

BN35S-4E pwr cbl in cabinet
3X-PBX01-DB Rack kit 10000 cabinet
3X-PBX01-DA Rack kit M-series

For more detailed configuring, please consult the latest HP QuickSpecs.
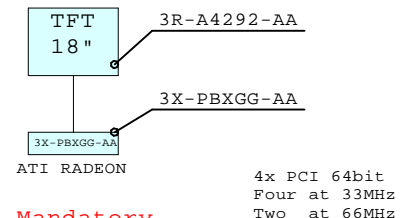Generated with fresh GOLDEN EGGS Software, Rev:22-Jul-2004

OpenVMS 1000MHz EV68 DY-75CAA-AA

10/100/1000
10/100
10/100

CPU Cache 2MB Memory 2GB ECC 2GB Drawer 3U 19"
128bit Switch-based 2GB/s
NI 10/100
NI 10/100
33 AlphaServer DS15
33
3X-DEGXA-TA 66
3X-KZPDC-BE 66MHz 64bit
2 Dual-port U160 SCSI 1
VHDCI

2xCom
Kb,Mouse
24x
RW CD Slim line

RZ3GA 72GB RZ3GA 72GB A3841 146GB Front Swap
A3841 146GB Front Swap
Front Access Cage
3X-BA15B-AA

BN19C-2E PowerCable C-Europe

External Tape
BN38C-02
AIT 249160 100/200GB

3X-BC56J-03 2xVHDCI 4m
3X-BC56J-03 2xVHDCI 4m

External split bus storage RAID

286713 36GB (x) ... 286714 72GB (x) ...
286713 36GB ... 286714 72GB ... 286713 36GB
302970-B31 MSA30 M4354

Recomended options:

TFT 18" 3R-A4292-AA
3X-PBXGG-AA
3X-PBXGG-AA ATI RADEON

4x PCI 64bit
Four at 33MHz or
Two at 66MHz

Mandatory options:
- Memory kit
  512MB 3X-MS315-EA
- Disk cage
- System disk
  RZ3GA 72GB DS-RZ3GA-WA
  A3841 146GB 3R-A3841-AA 3X-BA15A-AA 3X-BA15B-AA
- Powercord

Tru64 UNIX or OpenVMS
1000MHz EV68 DA-75CAA-AA

10/100
10/100

CPU Cache 2MB Memory ECC Drawer 3U 19"
128bit Switch-based 2GB/s
512MB-4GB Max two kit
NI 10/100
NI 10/100
4 3.3V 33 AlphaServer DS15
3 3.3V 33
2 3.3V 66
1 3.3V 66MHz 64bit
2 Dual-port U160 SCSI 1
VHDCI

2xCom
Kb,Mouse

Space for one cage
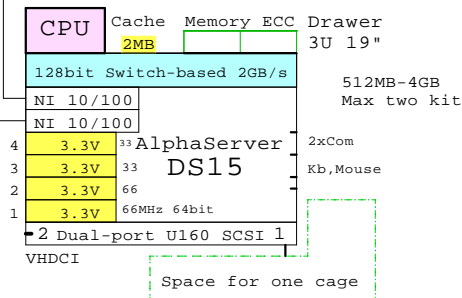
48x
RW CD Half height
3.5" 3.5" 3.5"/5.25" Disk Tape
Standard Cage 3X-BA15A-AA

24x
RW CD Slim line
3.5" 3.5" 1.0" Front Swap
Front Access Cage 3X-BA15B-AA
1.0" Front Swap

Universal disk, 2x1"

Minimum OS support:
-Tru64UNIX V5.1A NHD7
-OpenVMS V7.3-1

Bill of material for the OpenVMS system above

	Part Number	Qty	Description
1	DY-75CAA-AA	1	AS DS15 68/1000 0GB OVMS
1.1	3X-BA15B-AA	1	DS15 Front Access Cage 4xDisks CD
1.1.1	3R-A3841-AA	2	146GB 10000r U320 SCSI disk 1"
1.1.2	DS-RZ3GA-WA	2	72.8GB 10kRPM Ultra3 SCSI Disk
1.2	3X-DEGXA-TA	1	GigabitEthernet single-p 66MHz 3.3V
1.3	3X-KZPDC-BE	1	U160 2-Ch RAID 128MB PCI 66MHz 3.3v
1.4	3X-MS315-GA	2	DS15 2GB DIMM MEM
2	302970-B31	1	MSA30 M4354R dual buss, 7+7, 1.0"
2.1	286713-B22	5	36GB 10000r U320 disk 1"
2.2	286714-B22	4	72.8GB 10000r U320 disk 1"
3	249160-B31	1	AIT 100/200GB LVD TableTop Int. black
4	3X-BC56J-03	2	Ultra3 160 Cable VHDCI-VHDCI 12ft
5	BN19C-2E	1	PowerCable 240V, C-Europe
6	BN38C-02	1	Ultra Cbl VHDCI - 68HD

Order numbers for DS15 AlphaServers and AlphaStations

	Part Number	Qty	Description
1	DA-75CAA-AA	1	AS DS15 68/1000 0GB UNIX
2	DA-75CAA-AW	1	ASW DS15 68/1000 0GB UNIX
3	DY-75CAA-AA	1	AS DS15 68/1000 0GB OVMS
4	DY-75CAA-AW	1	ASW DS15 68/1000 0GB OVMS

DS15 CD Disk 3U
AlphaServer DS15

Options needed:
- one mouse
- one keyboard
- one powercord

3R-A4565-AA Mouse Carbon
3R-A4362-AA U.S/Engl UNIX kb
3X-LK463-A2 OVMS
BN19C-2E PowerCable C-Europe

3X-BC34A-06 Kb or Mouse ext.
BN39C-02 Video Ext.cbl
3X-BA73P-BB DS15 Floor stand

If this diagram has influenced on your
purchase decision,please let us know.
Matti.Patari@Kolumbus.fi (the painter)

Software Processor Code: E
Cluster Software Code: C

HP AlphaServer DS15 1000MHz EV68
GOLDEN EGGS Visuals, Helsinki

DS15

DS15 SCSI LVD Cluster Tru64 UNIX

Ethernet
GigabitEthernet

10/100/1000 10/100 10/100

Tru64 UNIX
1000MHz EV68   DA-75CAA-AA

| CPU | Cache 2MB | Memory ECC 1GB 1GB | Drawer 3U 19" |

128bit Switch-based 2GB/s
NI 10/100
NI 10/100
3X-PBXGG-AA 33   AlphaServer
3X-DEGXA-TA 33   DS15
3X-DEGXA-TA 66
3X-KZPEA-DB 66MHz 64bit
2 Dual-port U160 SCSI 1
VHDCI

2xCom   Interconnect
Kb,Mouse
24x
RW CD   Slim line

RZ3FD 36GB   RZ3FD 36GB   A22779 AIT 50G   Front Swap
Front Access Cage
3X-BA15B-AA   Front Swap

BN35S-4E in cabinet
3X-PBX01-DB Rack kit 10000 cabinet

Tru64 UNIX
1000MHz EV68   DA-75CAA-AA

| CPU | Cache 2MB | Memory ECC 1GB 1GB | Drawer 3U 19" |

128bit Switch-based 2GB/s
NI 10/100
NI 10/100
3X-PBXGG-AA 33   AlphaServer
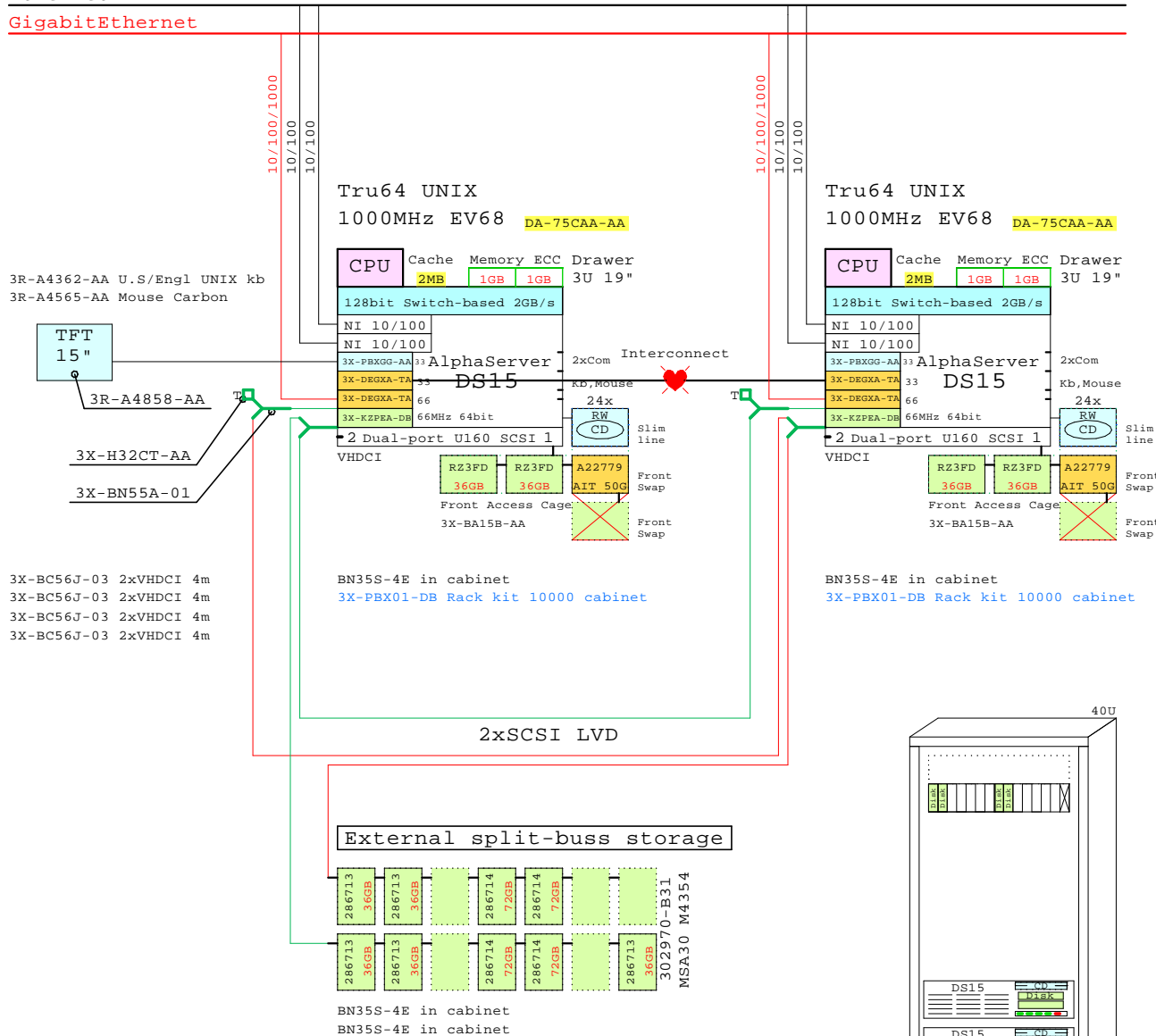3X-DEGXA-TA 33   DS15
3X-DEGXA-TA 66
3X-KZPEA-DB 66MHz 64bit
2 Dual-port U160 SCSI 1
VHDCI

2xCom
Kb,Mouse
24x
RW CD   Slim line

RZ3FD 36GB   RZ3FD 36GB   A22779 AIT 50G   Front Swap
Front Access Cage
3X-BA15B-AA   Front Swap

BN35S-4E in cabinet
3X-PBX01-DB Rack kit 10000 cabinet

2xSCSI LVD

TFT 15"
3R-A4362-AA U.S/Engl UNIX kb
3R-A4565-AA Mouse Carbon
3R-A4858-AA
3X-H32CT-AA
3X-BN55A-01

3X-BC56J-03 2xVHDCI 4m
3X-BC56J-03 2xVHDCI 4m
3X-BC56J-03 2xVHDCI 4m
3X-BC56J-03 2xVHDCI 4m

T   T

External split-buss storage

286713 36GB   286713 36GB   286714 72GB   286714 72GB
286713 36GB   286713 36GB   286714 72GB   286714 72GB   286713 36GB

302970-B31 MSA30 M4354

BN35S-4E in cabinet
BN35S-4E in cabinet

40U
DS15   CD Disk
DS15   CD Disk
PDU   2U   PDU

Bill of material for this SCSI Cluster

	Part Number	Qty	Description
1	DA-75CAA-AA	1	AS DS15 68/1000 0GB UNIX
1.1	3X-BA15B-AA	1	DS15 Front Access Cage 4xDisks CD
1.1.1	3R-A2779-AA	1	50/100GB Hot plug AIT LVD tape drive
1.1.2	DS-RZ23FD-WA	2	36.4GB 10kRPM Ultra3 SCSI Disk
1.2	3X-DEGXA-TA	2	GigabitEthernet single-p 66MHz 3.3V
1.3	3X-KZPEA-DB	1	PCI 2-chan SCSI Ultra3 LVD
1.4	3X-MS315-FA	2	DS15 1GB DIMM MEM
1.5	3X-PBXGG-AA	1	ATI RADEON 7500 64MB 2D/3D graphics acce
2	DA-75CAA-AA	1	AS DS15 68/1000 0GB UNIX
2.1	3X-BA15B-AA	1	DS15 Front Access Cage 4xDisks CD
2.1.1	3R-A2779-AA	1	50/100GB Hot plug AIT LVD tape drive
2.1.2	DS-RZ23FD-WA	2	36.4GB 10kRPM Ultra3 SCSI Disk
2.2	3X-DEGXA-TA	2	GigabitEthernet single-p 66MHz 3.3V
2.3	3X-KZPEA-DB	1	PCI 2-chan SCSI Ultra3 LVD
2.4	3X-MS315-FA	2	DS15 1GB DIMM MEM
2.5	3X-PBXGG-AA	1	ATI RADEON 7500 64MB 2D/3D graphics acce
3	302970-B31	1	MSA30 M4354R dual buss, 7+7, 1.0"
3.1	286713-B22	5	36GB 10000r U320 disk 1"
3.2	286714-B22	4	72.8GB 10000r U320 disk 1"
4	YS-ASCAA-AA	1	System Factory Integration
5	3R-A4858-AA	1	L1530 15" TFT panel monitor EU
6	3X-H7606-EB	2	PDU 240V for 10000 cabinet
7	3R-A3894-AA	1	41U 10000-Series Graphite Cab,no PDUs
8	3X-PBX01-DB	2	Rackm.kit, DS15,1000MHz for Cab 10000
9	3R-A3895-AA	1	Side panel kit for 10000 cabinet
10	2T-H9C30-MK	1	Stabilazer Kit for 10000 cabinets
11	2T-H9C30-MA	1	Ballast Kit for 10000 cabinets
12	3R-A4362-AA	1	U.S/English keyboard Tru64 UNIX
13	3R-A4565-AA	1	3-button mouse,Carbon night dark
14	3X-BC56J-03	4	Ultra3 160 Cable VHDCI-VHDCI 12ft
15	BN35S-4E	4	PowerCord C13 to C14, Non US
16	3X-BN55A-01	4	Cable assy "Y" U160SCSI VHDCI
17	3X-H32CT-AA	2	Terminator ext U160 SCSI

Cabinet 10000 acessories:

3R-A3894-AA   10000 Cabinet 41U noPDU
3X-H7606-EB   PDU 240V for 10000 cabinet
3X-H7606-EB   PDU 240V for 10000 cabinet
3R-A3895-AA Side panels for 10000
2T-H9C30-MK Stabilazer kit 10000
2T-H9C30-MA Ballast kit 10000

YS-ASCAA-AA   Factory Integration

If this diagram has influenced on your
purchase decision,please let us know.
Matti.Patari@Kolumbus.fi (the painter)

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Send you change of request,the wish list
to: Matti.Patari@Kolumbus.fi

DS15 UNIX

DS15 SCSI HVD Cluster OpenVMS

Ethernet

GigabitEthernet

OpenVMS
1000MHz EV68 DY-75CAA-AA

| CPU | Cache 2MB | Memory ECC 1GB 1GB | Drawer 3U 19" |

128bit Switch-based 2GB/s

NI 10/100
NI 10/100

3X-PBXGG-AA 33 **AlphaServer DS15**   2xCom
3X-DEGXA-TA 33
3X-KZPBA-CC 66   Kb,Mouse
3X-KZPBA-CC 66MHz 64bit   24x

2 Dual-port U160 SCSI 1   RW CD Slim line

VHDCI

| RZ3FD 36GB | RZ3FD 36GB | A22779 AIT 50G | Front Swap |

Front Access Cage
3X-BA15B-AA   Front Swap

Interconnect

OpenVMS
1000MHz EV68 DY-75CAA-AA

| CPU | Cache 2MB | Memory ECC 1GB 1GB | Drawer 3U 19" |

128bit Switch-based 2GB/s

NI 10/100
NI 10/100

3X-PBXGG-AA 33 **AlphaServer DS15**   2xCom
3X-DEGXA-TA 33
3X-KZPBA-CC 66   Kb,Mouse
3X-KZPBA-CC 66MHz 64bit   24x

2 Dual-port U160 SCSI 1   RW CD Slim line

VHDCI

| RZ3FD 36GB | RZ3FD 36GB | A22779 AIT 50G | Front Swap |

Front Access Cage
3X-BA15B-AA   Front Swap

10/100/1000 10/100   10/100/1000 10/100

3X-LK463-A2 OVMS
3R-A4565-AA Mouse Carbon

TFT 15"

3R-A4858-AA

3X-H32CT-AA

3X-BN55A-01

BN35S-4E in cabinet
3X-PBX01-DB Rack kit 10000 cabinet

BN35S-4E in cabinet
3X-PBX01-DB Rack kit 10000 cabinet

2xSCSI HVD

BN21K-05
BN21K-05

BN21K-05
BN21K-05

External split-buss storage

LVD

3X-DWZCV-BA
HVD to LVD

BN38C-05

3X-DWZCV-BA
HVD to LVD

BN38C-05

| 286713 36GB | 286713 36GB | | 286714 72GB | 286714 72GB | | | 302970-B31 |
| 286713 36GB | 286713 36GB | | 286714 72GB | 286714 72GB | | 286713 36GB | MSA30 M4354 |

BN35S-4E in cabinet
BN35S-4E in cabinet

3X-DWZCV-CA
2x HVD-LVD

40U

Disk Disk   Disk

DS15 — CD Disk

DS15 — CD Disk

PDU   2U   PDU

Bill of material for this SCSI Cluster

	Part Number	Qty	Description
1	DY-75CAA-AA	1	AS DS15 68/1000 0GB OVMS
1.1	3X-BA15B-AA	1	DS15 Front Access Cage 4xDisks CD
1.1.1	3R-A2779-AA	1	50/100GB Hot plug AIT LVD tape drive
1.1.2	DS-RZ3FD-WA	2	36.4GB 10kRPM Ultra3 SCSI Disk
1.2	3X-DEGXA-TA	1	GigabitEthernet single-p 66MHz 3.3V
1.3	3X-KZPBA-CC	2	PCI to UltraSCSI Adapter UWdif
1.4	3X-MS315-FA	2	DS15 1GB DIMM MEM
1.5	3X-PBXGG-AA	1	ATI RADEON 7500 64MB 2D/3D graphics acce
2	DY-75CAA-AA	1	AS DS15 68/1000 0GB OVMS
2.1	3X-BA15B-AA	1	DS15 Front Access Cage 4xDisks CD
2.1.1	3R-A2779-AA	1	50/100GB Hot plug AIT LVD tape drive
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2.4	3X-MS315-FA	2	DS15 1GB DIMM MEM
2.5	3X-PBXGG-AA	1	ATI RADEON 7500 64MB 2D/3D graphics acce
3	302970-B31	1	MSA30 M4354R dual buss, 7+7, 1.0"
3.1	286713-B22	5	36GB 10000r U320 disk 1"
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4	YS-ASCAA-AA	1	System Factory Integration
5	3R-A4858-AA	1	L1530 15" TFT panel monitor EU
6	3X-H7606-EB	2	PDU 240V for 10000 cabinet
7	3R-A3894-AA	1	41U 10000-Series Graphite Cab,no PDUs
8	3X-DWZCV-BA	2	Adapter SCSI HVD to LVD
9	3X-PBX01-DB	2	Rackm.kit, DS15,1000MHz for Cab 10000
10	3R-A3895-AA	1	Side panel kit for 10000 cabinet
11	2T-H9C30-MK	1	Stabilazer Kit for 10000 cabinets
12	2T-H9C30-MA	1	Ballast Kit for 10000 cabinets
13	3R-A4565-AA	1	3-button mouse,Carbon night dark
14	BN35S-4E	4	PowerCord C13 to C14, Non US
15	3X-LK463-A2	1	U.S/English keyboard OpenVMS
16	BN21K-05	4	68HD SCSI cable 5m
17	BN38C-05	2	Ultra Cbl VHDCI - 68HD
18	BN21W-0B	4	Y SCSI-2 Cable 68 pins/6".15m
19	H879-AA	2	SCSI-3 Term - 68 pin Male

Cabinet 10000 acessories:

3R-A3894-AA 10000 Cabinet 41U noPDU
3X-H7606-EB PDU 240V for 10000 cabinet
3X-H7606-EB PDU 240V for 10000 cabinet
3R-A3895-AA Side panels for 10000
2T-H9C30-MK Stabilazer kit 10000
2T-H9C30-MA Ballast kit 10000

YS-ASCAA-AA Factory Integration

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HP AlphaServer DS15 Cluster,SCSI
GOLDEN EGGS Visuals, Helsinki

DS15 OVMS